

What is Claimed is:

- [c1] A method of generating a thumbnail, comprising:
- generating a reduced-size representation of an original document, the original document having at least one first selectable element, each at least one first selectable element having, as an associated destination, one of (a) an arbitrary portion of the original document accessible by selection of a second selectable element provided in the original document and (b) a document other than the original document;
 - generating at least one second selectable element, each at least one second selectable element corresponding to an associated destination of one of the at least one first selectable element; and
 - associating the at least one second selectable element with the reduced-size representation in a display of the reduced-size representation, whereby the one of (a) the one of the document areas and (b) the associated destination of the one of the at least one first selectable element is directly accessible by selection of the one of the at least one second selectable element.
- [c2] The method according to claim 1, wherein the reduced-size representation has at least one element with a modified appearance relative to an appearance of a corresponding element in the original document.
- [c3] The method according to claim 2, wherein the at least one element with a modified appearance is the at least one second selectable element.
- [c4] The method according to claim 1, wherein the at least one second selectable element is a visibly discrete element.
- [c5] The method according to claim 1, wherein the reduced-size representation is a reduced image.
- [c6] The method according to claim 1, wherein generating the at least one second selectable element comprises generating a plurality of second selectable elements.

[c7]

A method of generating a thumbnail, comprising:

rendering a reduced image of an original document, the original document having at least one first selectable element, each at least one first selectable element having, as an associated destination, one of (a) an arbitrary portion of the original document accessible by selection of a second selectable element provided in the original document and (b) a document other than the original document; generating at least one second selectable element, each at least one second selectable element corresponding to an associated destination of one of the at least one first selectable element; and associating the at least one second selectable element with the reduced image in a display of the reduced image, whereby the one of (a) the one of the document areas and (b) the associated destination of the one of the at least one first selectable element is directly accessible by selection of the one of the at least one second selectable element.

[c8]

A method of generating a thumbnail, comprising:

generating a reduced-size representation of an original document, the original document having a plurality of document portions, smaller than the original document and not uniquely associated with any first selectable element provided in the original document, the reduced-size representation having at least one element with a modified appearance relative to an appearance of a corresponding element in the original document; generating at least one second selectable element, each second selectable element corresponding to one of the plurality of document portions, each at least one second selectable element having, as an associated destination, one of the plurality of document portions; and associating the at least one second selectable element with the reduced-size representation in a display of the reduced-size representation, whereby the one of the document portions is directly accessible by selection of the one of the at least one second selectable

element.

- [c9] The method according to claim 8, wherein the at least one element with a modified appearance is the at least one second selectable element.
- [c10] The method according to claim 8, wherein the at least one second selectable element is not a visibly discrete element.
- [c11] The method according to claim 8, wherein the reduced-size representation is a reduced image.
- [c12] The method according to claim 8, wherein generating the at least one second selectable element comprises generating a plurality of second selectable elements.
- [c13] A method of generating a thumbnail, comprising:
rendering a reduced image of an original document, the original document having a plurality of document portions, smaller than the original document and not uniquely associated with any first selectable element provided in the original document, the reduced image having at least one element with a modified appearance relative to an appearance of a corresponding element in the original document;
generating at least one second selectable element, each second selectable element corresponding to one of the plurality of document portions, each at least one second selectable element having, as an associated destination, one of the plurality of document portions; and
associating the at least one second selectable element with the reduced image in a display of the reduced image, whereby the one of the document portions is directly accessible by selection of the one of the at least one second selectable element.
- [c14] A system for generating a thumbnail, comprising:
a thumbnail generator that generates a reduced-size representation of an original document, the original document having at least one first selectable element, each at least one first selectable element having,

as an associated destination, one of (a) an arbitrary portion of the original document accessible by selection of a second selectable element provided in the original document and (b) a document other than the original document;

a selectable element generator that generates at least one second selectable element, each at least one second selectable element corresponding to an associated destination of one of the at least one first selectable element; and

a controller that associates the at least one second selectable element with the reduced-size representation in a display of the reduced-size representation, whereby the one of (a) the one of the document areas and (b) the associated destination of the one of the at least one first selectable element is directly accessible by selection of the one of the at least one second selectable element.

- [c15] The system according to claim 14, wherein the reduced-size representation has at least one element with a modified appearance relative to an appearance of a corresponding element in the original document.
- [c16] The system according to claim 15, wherein the at least one element with a modified appearance is the at least one second selectable element.
- [c17] The system according to claim 14, wherein the at least one second selectable element is a visibly discrete element.
- [c18] The system according to claim 14, wherein the reduced-size representation is a reduced image.
- [c19] The system according to claim 14, wherein the selectable element generator generates a plurality of second selectable elements.
- [c20] A system for generating a thumbnail, comprising:
- a renderer that renders a reduced image of an original document, the original document having at least one first selectable element, each at least one first selectable element having, as an associated destination,

one of (a) an arbitrary portion of the original document accessible by selection of a second selectable element provided in the original document and (b) a document other than the original document; a selectable element generator that generates at least one second selectable element, each at least one second selectable element corresponding to an associated destination of one of the at least one first selectable element; and a controller that associates the at least one second selectable element with the reduced image in a display of the reduced image, whereby the one of (a) the one of the document areas and (b) the associated destination of the one of the at least one first selectable element is directly accessible by selection of the one of the at least one second selectable element.

[c21]

A system for generating a thumbnail, comprising:

a thumbnail generator that generates a reduced-size representation of an original document, the original document having a plurality of document portions, smaller than the original document and not uniquely associated with any first selectable element provided in the original document, the reduced-size representation having at least one element with a modified appearance relative to an appearance of a corresponding element in the original document; a selectable element generator that generates at least one second selectable element, each second selectable element corresponding to one of the plurality of document portions, each at least one second selectable element having, as an associated destination, one of the plurality of document portions; and a controller that associates the at least one second selectable element with the reduced-size representation in a display of the reduced-size representation, whereby the one of the document portions is directly accessible by selection of the one of the at least one second selectable element.

- [c22] The system according to claim 21, wherein the at least one element with a modified appearance is the at least one second selectable element.
- [c23] The system according to claim 21, wherein the at least one second selectable element is not a visibly discrete element.
- [c24] The system according to claim 21, wherein the reduced-size representation is a reduced image.
- [c25] The system according to claim 21, wherein generating the at least one second selectable element comprises generating a plurality of second selectable elements.
- [c26] A system for generating a thumbnail, comprising:
- a renderer that renders a reduced image of an original document, the original document having a plurality of document portions, smaller than the original document and not uniquely associated with any first selectable element provided in the original document, the reduced image having at least one element with a modified appearance relative to an appearance of a corresponding element in the original document;
 - a selectable element generator that generates at least one second selectable element, each second selectable element corresponding to one of the plurality of document portions, each at least one second selectable element having, as an associated destination, one of the plurality of document portions; and
 - a controller that associates the at least one second selectable element with the reduced image in a display of the reduced image, whereby the one of the document portions is directly accessible by selection of the one of the at least one second selectable element.
- [c27] An information storage medium on which is recorded a program for implementing the steps of claim 1.
- [c28] An information storage medium on which is recorded a program for

implementing the steps of claim 7.

[c29] An information storage medium on which is recorded a program for implementing the steps of claim 8.

[c30] An information storage medium on which is recorded a program for implementing the steps of claim 13.

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